



TruFlow

Technical data



TruFlow 2000**TruFlow 2700****TruFlow 3200****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	100 W - 2000 W	135 W - 2700 W	160 W - 3200 W
BEAM QUALITY, STANDARD (K / M ²)	0.55 / 1,82	0.55 / 1,82	0.55 / 1,82
BEAM QUALITY, OPTIONAL (K / M ²)	0.9 / 1.11	0.9 / 1.11	0.9 / 1.11
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER			

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
X	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)			

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
-------------------------------	--------------	--------------	--------------

TruFlow 4000**TruFlow 5000****TruFlow 6000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	200 W - 4000 W	250 W - 5000 W	300 W - 6000 W
BEAM QUALITY, STANDARD (K / M ²)	0.55 / 1,82	0.55 / 1,82	0.55 / 1,82
BEAM QUALITY, OPTIONAL (K / M ²)	0.9 / 1.11	0.9 / 1.11	0.35 / 2,86
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER			

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
X	1420 mm x 2100 mm x 800 mm	1800 mm x 2100 mm x 800 mm	2000 mm x 2100 mm x 800 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)			

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
-------------------------------	--------------	--------------	--------------

TruFlow 8000**TruFlow 10000****TruFlow 12000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT		± 2 %	
CONTINUOUSLY ADJUSTABLE POWER RANGE	400 W - 8000 W	500 W - 10000 W	600 W - 12000 W
BEAM QUALITY, STANDARD (K / M ²)	0.55 / 1,82	0.52 / 1,9	0.26 / 3,8
BEAM QUALITY, OPTIONAL (K / M ²)	0.35 / 2,86	-	-
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER	± 2 %		± 2 %

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1665 mm x 1100 mm x 1524 mm
X		3000 mm x 2100 mm x 800 mm	
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	2000 mm x 2100 mm x 800 mm		3000 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
-------------------------------	--------------	--------------	--------------

TruFlow 15000**TruFlow 20000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT		
CONTINUOUSLY ADJUSTABLE POWER RANGE	750 W - 15000 W	1000 W - 20000 W
BEAM QUALITY, STANDARD (K / M ²)	0.24 / 4,2	0.22 / 4,5
BEAM QUALITY, OPTIONAL (K / M ²)	-	-
WAVELENGTH	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER	± 2 %	± 2 %

STRUCTURAL DESIGN

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1665 mm x 1100 mm x 1524 mm	1665 mm x 1100 mm x 1524 mm
X		
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	3000 mm x 2100 mm x 800 mm	5200 mm x 2100 mm x 800 mm

INSTALLATION

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C
-------------------------------	--------------	--------------

1 — Other optics configurations are available on request.